(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 28 April 2005 (28.04.2005)

PCT

(10) International Publication Number WO 2005/038024 A1

- (51) International Patent Classification⁷: C12N 15/10, 15/75, C12Q 1/68 // (C12N 15/75, C12R 1:125)
- (21) International Application Number:

PCT/DK2004/000699

- (22) International Filing Date: 13 October 2004 (13.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) **Priority Data:**PA 2003 01526 16 October 2003 (16.10.2003) DK
- (71) Applicant (for all designated States except US): NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HOFF, Tine [DK/DK]; Søllerødgårdsvej 38, DK-2840 Holte (DK).
- (74) Common Representative: NOVOZYMES A/S; Krogshøjvej 36, Att: Patents, DK-2880 Bagsværd (DK).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF SCREENING FOR PROTEIN SECRETING RECOMBINANT HOST CELLS

(57) Abstract: The invention describes a method of screening for protein secreting recombinant host cells comprising screening for promoter activity of a stress inducible promoter. The method can be used for rapid identification of actively secreting transformants and can be used to screen recombinant libraries for transformants secreting proteins.